

**Prior Art Combined With Oakwood Brochures****U.S. Pat. No. 5,817,207**

## Reference Key

- 1991 Oakwood Series 6 Instruction Manual (“OIM”)
- Lyszczarz, U.S. Patent No. 4,897,533 (“ ‘533 patent”)
- Hida et al., U.S. Patent No. 4,841,134 (“ ‘134 patent”)

<b>Claim</b>	<b>Limitation</b>	<b>Prior Art</b>
1.	<i>coating at least one of said outer surfaces of said core with a layer of ink</i>	1991 Oakwood Instruction Manual (Sharinn Ex. 12 at 1 ¶ 1)
2.	<i>at least one of said first and second laminating plates having a matte finish for creating a textured surface on at least one of said outer surfaces of said core</i>	‘134 patent (Sharinn Ex. 16, col. 12, lines 19-27)
3.	<i>each of said first and second laminating plates has a matte finish for creating said textured surface on both of said outer surfaces of said core</i>	‘134 patent (Sharinn Ex. 16, col. 12, lines 19-27)
4.	<i>each of said sheets having a thickness in the range of 0.007 to 0.024 inch</i>	‘533 patent (Sharinn Ex. 15, col.4, lines 12-21)
5.	<i>said first and second plastic core sheets have a thickness of approximately 0.0125 inch</i>	‘533 patent (Sharinn Ex. 15, col.4, lines 12-21)
11.	<i>said step (d) is carried out utilizing a coating technique selected from the group consisting of silk screen printing, offset printing, letterpress printing, screen printing, roller coating, spray printing, and litho-printing</i>	1991 Oakwood Instruction Manual (Sharinn Ex. 12 at 1, ¶ 1)
16.	<i>printing on at least one of said upper and lower surfaces of said core such that a layer of ink is applied to at least a portion of said at least one upper and lower surface of said core</i>	1991 Oakwood Instruction Manual (Sharinn Ex. 12 at 1 ¶ 1)

**Prior Art Combined With Oakwood Brochures****U.S. Pat. No. 6,036,099**

Reference Key:

- 1991 Oakwood Series 6 Instruction Manual (“OIM”)
- Templeton, Jr. et al., U.S. Patent No. 5,519,201 (“‘201 patent”)
- Lyszczarz, U.S. Patent No. 4,897,533 (“‘533 patent”)
- Hida et al., U.S. Pat. No. 4,841,134 (“‘134 patent”)

Claim	Limitation	Prior Art
1.	<i>coating at least one of said outer surfaces of said core with a layer of ink</i>  <i>milling a region of said core to a controlled depth so as to form a cavity which exposes at least one contact pad of said electronic element.</i>	1991 Oakwood Instruction Manual (Sharinn Ex. 12 at 1 ¶ 1)  ‘201 patent (Sharinn Ex. 13, col. 2, lines 27-30; col. 7, lines 10-16)
2.	<i>at least one of said first and second laminating plates having a matte finish for creating a textured surface on at least one of said outer surfaces of said core</i>	‘134 patent (Sharinn Ex. 16, col. 12, lines 19-27)
3.	<i>each of said first and second laminating plates has a matte finish for creating said textured surface on both of said outer surfaces of said core</i>	‘134 patent (Sharinn Ex. 16, col. 12, lines 19-27)
4.	<i>each of said sheets having a thickness in the range of 0.007 to 0.024 inch</i>	‘533 patent (Sharinn Ex. 15, col.4, lines 12-21)
5.	<i>said first and second plastic core sheets have a thickness of approximately 0.0125 inch</i>	‘533 patent (Sharinn Ex. 15, col.4, lines 12-21)
12.	<i>said step (d) is carried out utilizing a coating technique selected from the group consisting of silk screen printing, offset printing, letterpress printing, screen printing, roller coating, spray printing and litho-printing</i>	1991 Oakwood Instruction Manual (Sharinn Ex. 12 at 1, ¶ 1)
14.	<i>inserting an electronic contact element into said cavity.</i>	‘201 patent (Sharinn Ex. 13, col. 7, lines 45-59, and Figs. 2J, 2K and 2L, items 203b and 205)

**Prior Art Combined With Oakwood Brochures****U.S. Pat. No. 6,214,155**

- Lyszczarz, U.S. Patent No. 4,897,533 (“ ‘533 patent”)
- Hida et al., U.S. Patent No. 4,841,134 (“ ‘134 patent”)

<b>Claim</b>	<b>Limitation</b>	<b>Prior Art</b>
2.	<i>at least one of said first and second laminating plates having a matte finish for creating a textured surface on at least one of said outer surfaces of said core</i>	‘134 patent (Sharinn Ex. 16, col. 12, lines 19-27)
3.	<i>each of said first and second laminating plates has a matte finish for creating said textured surface on both of said outer surfaces of said core</i>	‘134 patent (Sharinn Ex. 16, col. 12, lines 19-27)
4.	<i>each of said sheets having a thickness in the range of 0.007 to 0.024 inch</i>	‘533 patent (Sharinn Ex. 15, col. 4, lines 12-21)
5.	<i>said first and second plastic core sheets have a thickness of approximately 0.0125 inch</i>	‘533 patent (Sharinn Ex. 15, col. 4, lines 12-21)

**Prior Art Combined With Oakwood Brochures****U.S. Pat. No. 6,514,367**

Reference Key:

- 1991 Oakwood Series 6 Instruction Manual (“OIM”)
- Templeton, Jr. et al., U.S. Patent No. 5,519,201 (“‘201 patent”)
- Lyszczarz, U.S. Patent No. 4,897,533 (“‘533 patent”)
- Hida et al., U.S. Patent No. 4,841,134 (“‘134 patent”)

<b>Claim</b>	<b>Limitation</b>	<b>Prior Art</b>
1.	<i>milling a region of said core to a controlled depth so as to form a cavity which exposes at least one contact pad of said at least one electronic device</i>	‘201 patent (Sharinn Ex. 13, col. 2, lines 27-30; col. 7, lines 10-16)
2.	<i>at least one of said first and second laminating plates having a matte finish for creating a textured surface on at least one of said outer surfaces of said core</i>	‘134 patent (Sharinn Ex. 16, col. 12, lines 19-27)
3.	<i>each of said first and second laminating plates has a matte finish for creating said textured surface on both of said outer surfaces of said core</i>	‘134 patent (Sharinn Ex. 16, col. 12, lines 19-27)
4.	<i>each of said sheets having a thickness in the range of 0.007 to 0.024 inch</i>	‘533 patent (Sharinn Ex. 15, col.4, lines 12-21)
5.	<i>said first and second plastic core sheets have a thickness of approximately 0.0125 inch</i>	‘533 patent (Sharinn Ex. 15, col.4, lines 12-21)
8.	<i>coating said at least one surface of said core with a layer of ink prior to positioning said overlamine film on said at least one surface of said core</i>	1991 Oakwood Instruction Manual (Sharinn Ex. 12 at 1 ¶ 1)
12.	<i>a coating step is carried out on at least one surface of said core utilizing a coating technique selected from the group consisting of silk screen printing, offset printing, letterpress printing, screen printing, roller coating, spray printing, and litho-printing</i>	1991 Oakwood Instruction Manual (Sharinn Ex. 12 at 1, ¶ 1)
15.	<i>inserting a second electronic element into said cavity, the second electronic element being in electrical communication with the at least one electronic element</i>	‘201 patent (Sharinn Ex. 13, col. 7, lines 45-59, and Figs. 2J, 2K and 2L, items 203b and 205)
21.	<i>forming a cavity in said core</i>	‘201 patent (Sharinn Ex. 13, col. 2, lines 27-30; col. 7, lines 10-16)

22.	<i>the step of forming a cavity in said core comprises: after step (c), milling a region of said core to a controlled depth so as to form a cavity which exposes at least one contact pad of said at least one electronic element</i>	'201 patent (Sharinn Ex. 13, col. 2, lines 27-30; col. 7, lines 10- 16)
23.	<i>inserting a second electronic element into said cavity, the second electronic element being in electrical communication with the at least one electronic element</i>	'201 patent (Sharinn Ex. 13, col. 7, lines 45-59, and Figs. 2J, 2K and 2L, items 203b and 205)